

Title (en)
Closed specimen collection system

Title (de)
Geschlossenes Probensammelsystem

Title (fr)
Système de prélèvement d'échantillon fermé

Publication
EP 2803868 B1 20160323 (EN)

Application
EP 14176599 A 20080912

Priority

- US 85807307 A 20070919
- US 20902508 A 20080911
- EP 08799526 A 20080912

Abstract (en)
[origin: US2009076414A1] A closed specimen collection system for blood samples includes a collection tube that has a shaped nozzle adapted to fit sealably into a port connected to a centrally inserted venal catheter. A protective cover for the nozzle is attached to the collection tube and has an internal, female thread that mates to a male thread on the port. A specimen container has a hollow body, a front end and a back end. The front end has an aperture sized and shaped to attach to the collection tube. The aperture is sealable after removal of the collection tube. A piston fits closely within the hollow body and is attached to an actuating rod. When the port is connected to the collection tube, the collection tube is connected to the specimen container and the actuating rod is pulled toward the back end, blood will flow into the container in a sterile condition.

IPC 8 full level
F15B 7/10 (2006.01); **A61B 5/15** (2006.01); **A61B 5/155** (2006.01)

CPC (source: EP US)
A61B 5/15003 (2013.01 - EP US); **A61B 5/150236** (2013.01 - EP US); **A61B 5/150244** (2013.01 - EP US); **A61B 5/150351** (2013.01 - EP US); **A61B 5/150908** (2013.01 - EP US); **A61B 5/150992** (2013.01 - EP US); **A61B 5/153** (2013.01 - EP US); **B01L 3/5635** (2013.01 - EP US); **A61B 10/007** (2013.01 - EP US); **A61M 2005/3121** (2013.01 - EP US); **A61M 2005/3217** (2013.01 - EP US); **B01L 2200/025** (2013.01 - EP US)

Cited by
WO2022033615A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)
US 2009076414 A1 20090319; **US 8246552 B2 20120821**; AU 2008302455 A1 20090326; AU 2008302455 B2 20130912; CA 2699883 A1 20090326; CA 2699883 C 20150407; EP 2247859 A1 20101110; EP 2247859 A4 20130410; EP 2247859 B1 20140716; EP 2803868 A1 20141119; EP 2803868 B1 20160323; WO 2009039044 A1 20090326

DOCDB simple family (application)
US 20902508 A 20080911; AU 2008302455 A 20080912; CA 2699883 A 20080912; EP 08799526 A 20080912; EP 14176599 A 20080912; US 2008076277 W 20080912